

**Amendments to the Specification**

Please replace paragraph 63 of the detailed description with the following paragraph (a marked-up version of the paragraph is attached hereto):

[0063] Any state-of-the-art micro-CT scanner can be used according to exemplary embodiments. In some embodiments, the ImTek MicroCAT II or the SkyScan-1076 in-vivo micro-CT system can be used.